BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work : Estimate for the Construction of Culvert at Main Road, Muneshwara in Ward No. 8 at Kodigehalli Sub Division.

Estimate Cost : Rs. 7.00 Lakhs

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
1	KSRB 300.2 : Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. complete as per specifications. (Page No. 126 & Item No. 19.2)	Cum							
	Culvert		2	95.60	0.80	0.80	122.37		
							122.37	77.76	9515.34
	Basic Rate	72.00							
	Area Weightage @ 8%	5.76							
	Total	77.76							
2	KSRRB 2900-4.1: Providing and laying in position plain cement concrete mix 1:4:8 with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. (Page.12 & Item No. 4.3)	Cum							
	Culvert		2	95.60	0.80	0.15	22.94		
							22.94	3349.08	76841.29
	Basic Rate	3101.00							
	Area Weightage @ 8%	248.08							
	Total	3349.08							

	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2. (Page No. 14 & Item No. 4.31)	Sqm							
	Culvert		2 x 4	95.60		0.60	458.88		
							458.88	199.80	91684.22
	Basic Rate	185.00							
	Area Weightage @ 8%	14.80							
	Total	199.80							
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6. (Page No. 12 & Item No. 4.11)	Cum							
	Side Drain		2	95.60	1.80	0.10	34.42		
	Covering Slab		2	95.60	1.00	0.10	19.12		
							53.54	4902.12	262439.90
	Basic Rate	4539.00							
	Area Weightage @ 8%	363.12							
	Total	4902.12							

	KSRB 4.9.2 : Providing T.M.T. Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking , placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (Page No. 16 & Item No. 4.46)								
	0.90/cum		Qty. Vide Item No. 7				48.18	5204.52	250766.26
	Basic Rate	4819.00							
	Area Weightage @ 8%	385.52							
	Total	5204.52							
6	Lead for disposal of debris shall be payable at Carriage rates by mechanical means with all lead and lift, loading, undloading and labour charges etc.,complete and as per the directions of the Engineer-in-charge of the work	Cum							
			(Qty. vide Item No. 1)				122.37	67.32	8237.81
	Basic Rate	62.20							
	Area Lead Charges	5.12							
	Total	67.32							
7	Miscellaneous & Unforeseen Charges								515.17
	(Rupees Seven Lakhs Only)								700000.00

CERTIFICATE

1 Certified that I have personally inspected the area and prepared the estimate.

2 Certified that the work proposed in this estimate is not including in any other scheme.

3 Certified that the estimate is prepared as per 2010-11 SR of PWD.

4 This works is not split up.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative approval for Rs. 7.00 lakhs
Seven lakhs only

is accorded under head A-1771 Power
Dolv-11

registered as EE No: 86 /29/1/14 Subject
to conditions contained enclosed memo.
No: 86/10-11 / Dt. 29/1/14

AE/JE

EE (BTP. Div.)

Technical Sanction for Rs. 7.00 lakhs
Rs Seven lakhs only

under P-1771 Power Dolv-11

registered as EE No: 86 /29/1/14 Subject
to conditions contained enclosed memo.
No: 86/10-11 / Dt. 29/1/14

AE/JE

EE (BTP. Div.)